

Claims:

- 1 1. A mobile application security system, comprising:
 - 2 a central computer for controlling the security of a mobile application;
 - 3 one or more host computers connected to the server computer, each host computer
 - 4 executing the mobile application that jumps between the hosts during execution;
 - 5 the central computer further comprising means for monitoring the security of the mobile
 - 6 application as it jumps between the host computers wherein when the mobile application is
 - 7 communicated from a first host to a second host, it passes through the central computer;
 - 8 wherein the security monitoring means further comprises means detecting code of the
 - 9 mobile application marked as immutable and means for replacing the immutable code with code
 - 10 known to be safe by the central computer.
- 1 2. A mobile application security system, comprising:
 - 2 a central computer for controlling the security of a mobile application;
 - 3 one or more host computers connected to the server computer, each host computer
 - 4 executing the mobile application that jumps between the hosts during execution;
 - 5 the central computer further comprising means for monitoring the security of the mobile
 - 6 application as it jumps between the host computers wherein when the mobile application is
 - 7 communicated from a first host to a second host, it passes through the central computer; and
 - 8 wherein the security monitoring means further comprises means for detecting state data
 - 9 marked as immutable and means for replacing the immutable state data with state data known to
 - 10 be safe by the central computer.
- 1 3. A mobile application security system, comprising:

2 a central computer for controlling the security of a mobile application;

3 one or more host computers connected to the server computer, each host computer

4 executing the mobile application that jumps between the hosts during execution;

5 the central computer further comprising means for monitoring the security of the mobile

6 application as it jumps between the host computers wherein when the mobile application is

7 communicated from a first host to a second host, it passes through the central computer; and

8 wherein the security monitoring means further comprises means for detecting an itinerary

9 of the mobile application that is marked as immutable and means for replacing the immutable

10 itinerary with an itinerary known to be safe by the central computer.

1 4. The system of Claim 3, wherein the itinerary comprises past historical itinerary

2 data.

1 5. A mobile application security method, comprising:

2 receiving a mobile application at a central computer each time the mobile application is

3 jumping between a first host and a second host; and

4 monitoring the security of the mobile application as it jumps between the host computers,

5 wherein the security monitoring further comprises detecting code of the mobile application that

6 is marked as immutable and replacing the immutable code with code known to be safe by the

7 central computer.

1 6. A mobile application security method, comprising:

2 receiving a mobile application at a central computer each time the mobile application is

3 jumping between a first host and a second host; and

4 monitoring the security of the mobile application as it jumps between the host computers,

5 wherein the security monitoring further comprises detecting a state of the mobile
6 application that is marked as immutable and replacing the immutable state with state data that is
7 known to be safe by the central computer.

1 7. A mobile application security method, comprising:
2 receiving a mobile application at a central computer each time the mobile application is
3 jumping between a first host and a second host; and
4 monitoring the security of the mobile application as it jumps between the host computers,
5 wherein the security monitoring further comprises detecting an itinerary of the mobile
6 application that is marked as immutable and replacing the immutable itinerary with itinerary data
7 known to be safe by the central computer.

1 8. The method of Claim 7, wherein the itinerary comprises past historical itinerary
2 data.